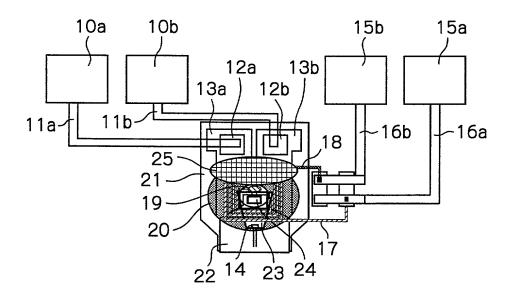
APPLICATION SERIAL NO: 033211-010 **SHEET 1 of 15**

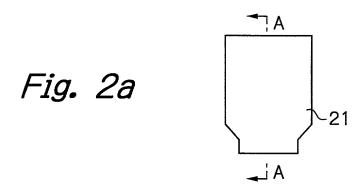
Fig. 1

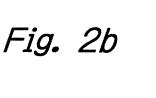


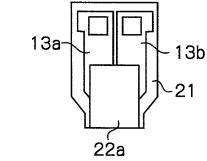
INVENTOR(S): MAKOTO YOSHIDA ET AL.

APPLICATION SERIAL NO: 033211-010

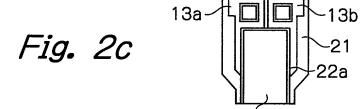
SHEET 2 of 15

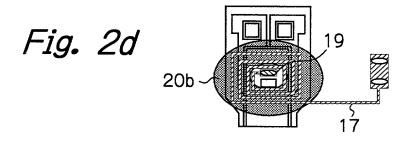






22b





APPLICATION SERIAL NO: 033211-010 SHEET 3 of 15

Fig. 2e

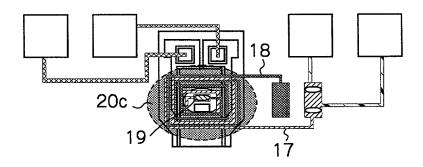


Fig. 2f

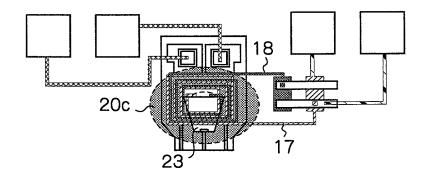
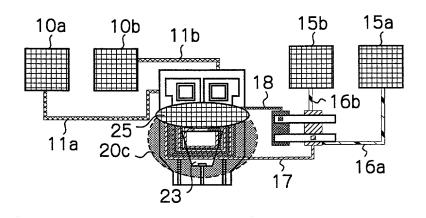


Fig. 2g



INVENTOR(S): MAKOTO YOSHIDA ET AL. **APPLICATION SERIAL NO:** 033211-010

SHEET 4 of 15



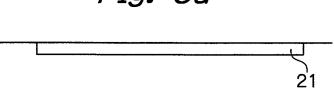


Fig. 3b

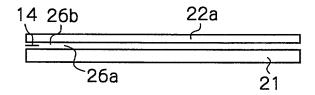
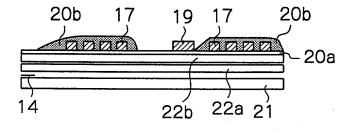


Fig. 3c



Fig. 3d



APPLICATION SERIAL NO: 033211-010 SHEET 5 of 15

Fig. 3e

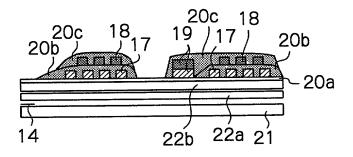


Fig. 3f

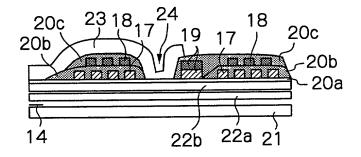
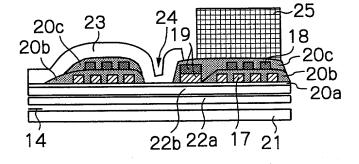
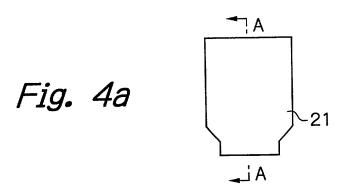
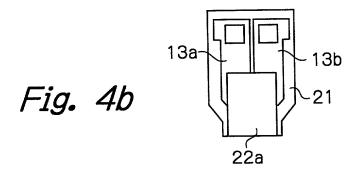
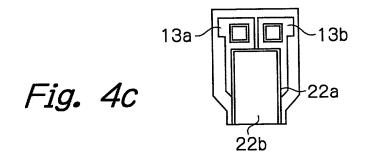


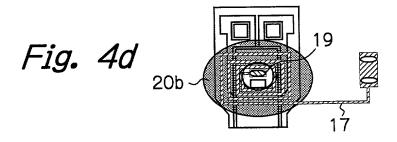
Fig. 3g











APPLICATION SERIAL NO: 033211-010

SHEET 7 of 15

Fig. 4e

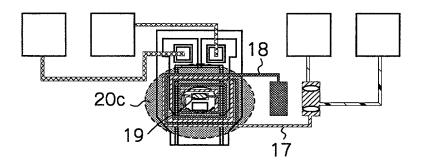


Fig. 4f

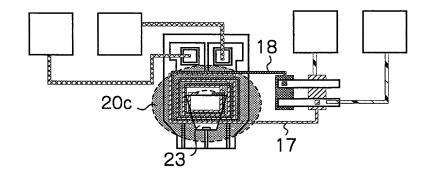
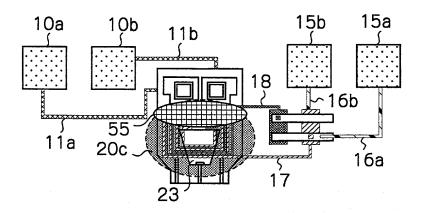


Fig. 4g



INVENTOR(S): MAKOTO YOSHIDA ET AL. APPLICATION SERIAL NO: 033211-010

SHEET 8 of 15

Fig. 5a

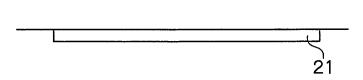


Fig. 5b

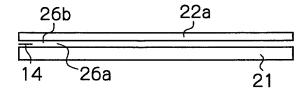


Fig. 5c

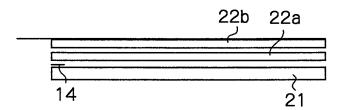
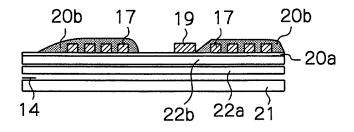


Fig. 5d



INVENTOR(S): MAKOTO YOSHIDA ET AL. APPLICATION SERIAL NO: 033211-010

SHEET 9 of 15

Fig. 5e

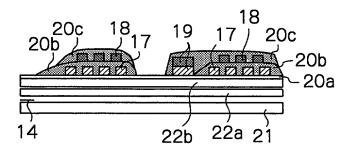


Fig. 5f

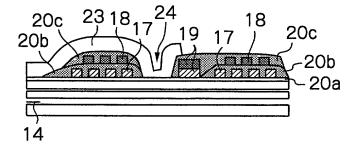
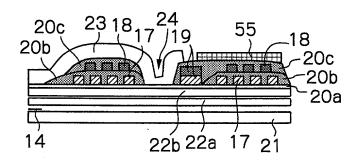


Fig. 5g



APPLICATION SERIAL NO: 033211-010 SHEET 10 of 15

Fig. 6

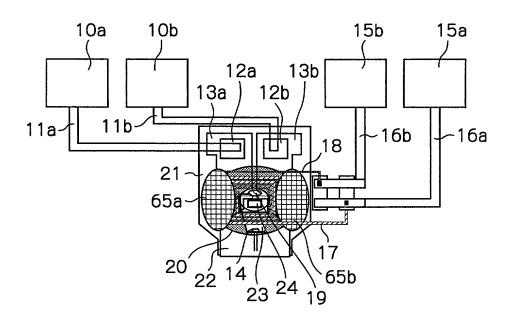
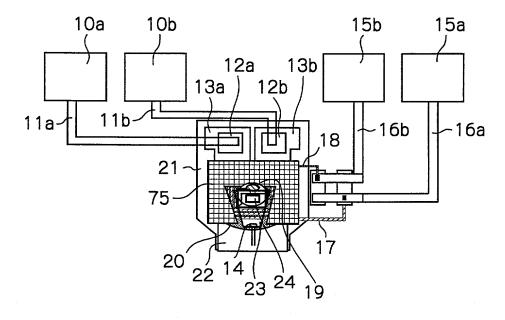


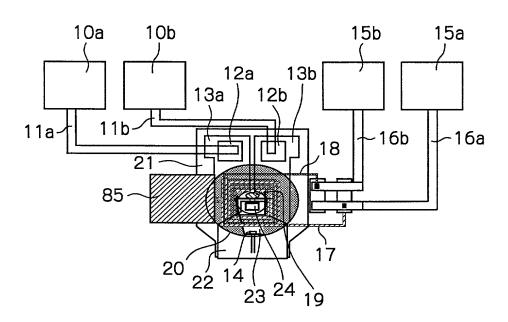
Fig. 7



INVENTOR(S): MAKOTO YOSHIDA ET AL.

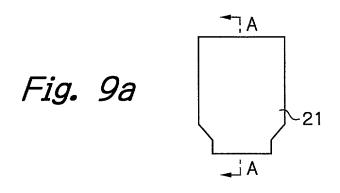
APPLICATION SERIAL NO: 033211-010 SHEET 11 of 15

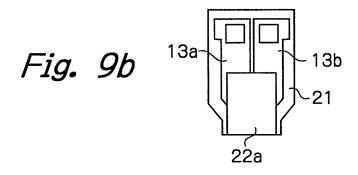
Fig. 8

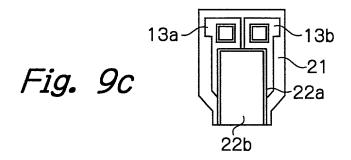


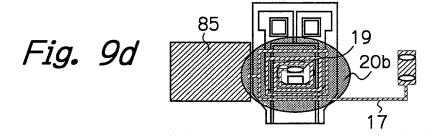
INVENTOR(S): MAKOTO YOSHIDA ET AL.

APPLICATION SERIAL NO: 033211-010 SHEET 12 of 15









INVENTOR(S): MAKOTO YOSHIDA ET AL.

APPLICATION SERIAL NO: 033211-010 SHEET 13 of 15

Fig. 9e

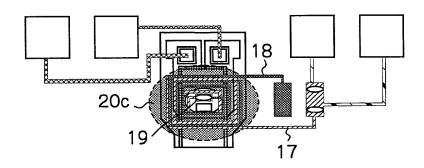


Fig. 9f

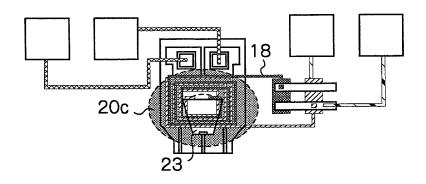
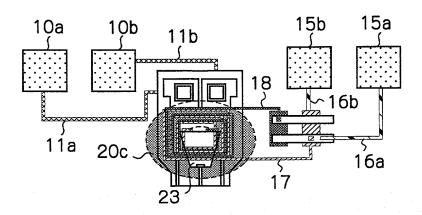


Fig. 9g



INVENTOR(S): MAKOTO YOSHIDA ET AL.

APPLICATION SERIAL NO: 033211-010 SHEET 14 of 15

Fig. 10a

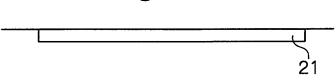


Fig. 10b

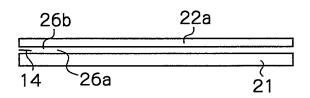


Fig. 10c

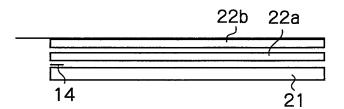
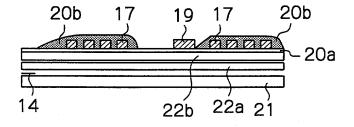


Fig. 10d



APPLN. FILING DATE: JULY 6, 2001
TITLE: THIN-FILM MAGNETIC HEAD AND
MANUFACTURING METHOD OF THIN-FILM...

THE THIN TO BE A SECTION OF THE ACCOUNT OF THE ACC

INVENTOR(S): MAKOTO YOSHIDA ET AL.

APPLICATION SERIAL NO: 033211-010

SHEET 15 of 15

Fig. 10e

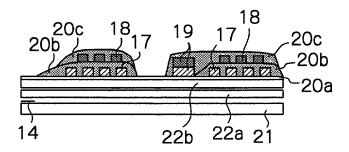


Fig. 10f

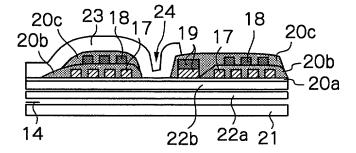


Fig. 10g

